

AMENDMENTS TO THE CLAIMS

1. (Original) An organic electroluminescent device having at least one organic layer containing a light-emitting layer between a pair of electrodes,

wherein the organic electroluminescent device contains a compound emitting fluorescence at a time that voltage is applied, and a light emission at the time that voltage is applied is mainly derived from a light emission from the fluorescent compound, and
an external quantum efficiency of the device is 6% or more.

2. (Original) The organic electroluminescent device according to claim 1, wherein an internal quantum efficiency of the organic electroluminescent device is 30% or more.

3. (Original) The organic electroluminescent device according to claim 1 or 2, wherein the organic electroluminescent device contains an amplifying agent performing a function of amplifying a number of singlet excitons generated at the time that voltage is applied, thus amplifying an intensity of the light emission.

4. (Currently Amended) The organic electroluminescent device according to ~~any one of claims 1 to 3~~ claim 1, wherein a maximum light-emitting wavelength from the compound emitting fluorescence is 580 nm or less.

5. (Currently Amended) The organic electroluminescent device according to ~~any one of claims 1 to 4~~ claim 1, wherein a light-emitting layer contains at least one host material, and the host material is a complex.

6. (Currently Amended) The organic electroluminescent device according to ~~any one of claims 1 to 5~~ claim 1, wherein the compound emitting fluorescence is a fused aromatic compound.

7. (Currently Amended) The organic electroluminescent device according to ~~any one of claims 1 to 6~~ claim 1, wherein the organic electroluminescent device has an electron-transporting layer, and the electron-transporting layer contains a non-complex compound.

8. (Currently Amended) The organic electroluminescent device according to ~~any one of claims 3 to 7~~ claim 3, wherein the amplifying agent is a transition metal complex.

9. (Currently Amended) The organic electroluminescent device according to ~~any one of claims 3 to 8~~ claim 3, wherein a concentration of the amplifying agent contained in the light-emitting layer is 9 weight % or less.

10. (Currently Amended) The organic electroluminescent device according to ~~any one of claims 3 to 9~~ claim 3, wherein a difference between the maximum light-emitting wavelength of

the compound emitting fluorescence at the time that voltage is applied, and a maximum light-emitting wavelength of the amplifying agent, is 70 nm or less.

11. (Currently Amended) The organic electroluminescent device according to ~~any one of claims 3 to 10~~ claim 3, wherein a difference between the maximum light-emitting wavelength of the amplifying agent, and an absorption maximum wavelength of the compound emitting fluorescence at the time that voltage is applied, is -20 nm or more.

12. (Currently Amended) The organic electroluminescent device according to ~~any one of claims 1 to 11~~ claim 1, wherein the organic electroluminescent device has a hole-transporting layer, the light-emitting layer and the electron-transporting layer, and a light emission from the compound emitting fluorescence is 80% or more of a total light emission obtained from the organic electroluminescent device.

13. (Currently Amended) The organic electroluminescent device according to ~~any one of claims 1 to 12~~ claim 1, wherein the organic electroluminescent device has the hole-transporting layer, the light-emitting layer and the electron-transporting layer, and has neither a hole blocking layer nor an exciton blocking layer between the light-emitting layer and the electron-transporting layer.

14. (Currently Amended) The organic electroluminescent device according to ~~any one of claims 3 to 13~~ claim 3, wherein the organic electroluminescent device has the hole-transporting

layer, the light-emitting layer and the electron-transporting layer, and the light-emitting layer has at least one alternately laminated structure including a layer containing at least one compound emitting fluorescence at a time that voltage is applied and a layer containing at least one amplifying agent.

15. (Original) The organic electroluminescent device according to claim 14, wherein the light-emitting layer has an alternately laminated structure of ten or more layers.